

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Libra et al.

Attorney Docket No. BO1-0327US  
(formerly 00-348A)

Serial No.: 10/008,234

Group Art Unit: 3623

Filing Date: November 7, 2001

Examiner: Van Doren, Beth

Title: SYSTEM AND METHOD FOR COLLABORATIVE ACTION

**DECLARATION UNDER 37 C.F.R. §1.131**

As a below named inventor, I hereby declare that:

I am an inventor of the subject matter which is claimed and for which a patent is sought in the application entitled "System and Method for Collaborative Action," as identified above.

We conceived the invention in the United States prior to the October 24, 2000 priority date of U.S. Publication No. US2007/0192155 to Gauger *et al.* (hereinafter, "Gauger Publication").

Attached to this declaration is evidence documenting that the invention was conceived prior to October 24, 2000, which predates the date of the Gauger Publication. In particular, attached hereto as that evidence is an Exhibit A that includes redacted portions of a "Boeing Invention Disclosure" (hereinafter "Invention Disclosure") dated October 16, 2000. The Invention Disclosure provides the names of the inventors and description of the invention. Although the "Date Conceived" information in the "State of Development" section of the "Invention Disclosure" has been redacted, I declare that the conception date occurred prior to October 24, 2000.

Reduction to practice is evidenced by the following:

- (1) The "Date Built" and the "Date Satisfactorily Tested" information in the "State of Development" section of the "Invention Disclosure". Although these dates have been redacted from the "Invention Disclosure", I declare that these dates occurred prior to October 24, 2000.

60483

CUSTOMER NUMBER

- (2) The subsequent filing of a provisional U.S. Patent Application, 60/246,930, from which this application claims priority, on November 8, 2000.

Furthermore, additional non-essential portions of Exhibit A have also been redacted.

All statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statement may jeopardize the validity of the application or any patent issued therefrom.

Signed this 29<sup>th</sup> day of October, 2007 at Lake Stevens, WA



Douglas F. Libra

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Gerald C. Lee

- 2 -

60483

CUSTOMER NUMBER

801-0327US  
Disc. No. 00-348A

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Signed this 29 day of OCTOBER 2007 at EVERETT, WA

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Douglas F. Libra

Gerald C. Lee

Gerald C. Lee

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60483

CUSTOMER NUMBER

BO1-0327US  
Disc. No. 00-348A



## INVENTION DISCLOSURE

Page 1 of ...

## Supplier Test Web Site

INVENTOR NAME (FIRST, M.I., LAST) Douglas F. Libra	INVENTOR NAME (FIRST, M.I., LAST) Gerald C. Lee	INVENTOR NAME (FIRST, M.I., LAST) N/A	INVENTOR NAME (FIRST, M.I., LAST) N/A
SOCIAL SECURITY NO. [REDACTED]	SOCIAL SECURITY NO. [REDACTED]	SOCIAL SECURITY NO. [REDACTED]	SOCIAL SECURITY NO. [REDACTED]
MAIL NO. E-1118	MAIL STOP 04-KF	MAIL NO. E-1148	MAIL STOP 04-KL
PHONE 425-288-4748	PHONE 425-288-4301	PHONE	PHONE
Home Address Street: 12334 17 <sup>th</sup> Street NE City/State/Zip: Lake Stevens, WA 98258		Home Address Street: 18628 NE 148 <sup>th</sup> Way City/State/Zip: Woodinville, WA 98072	
Citizenship: U.S.		Citizenship: U.S.	
<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>			

## STATE OF DEVELOPMENT (See Remarks On Back)

DATE CONCEPTED [REDACTED]	<input type="checkbox"/> CONCEPT ONLY <input checked="" type="checkbox"/> PROVEN ANALYTICALLY <input type="checkbox"/> DESIGN COMPLETE	DATE BUILT [REDACTED]	DATE UNFACTORABLY TESTED [REDACTED]	[REDACTED]
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## APPLICATION OF THE INVENTION

<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>			
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SEARCHED [REDACTED] 700-348	DATE RECEIVED: 7-2000	INDEXED [REDACTED]	FILED [REDACTED]	LAST SEARCH [REDACTED]	TECH. CLASS [REDACTED] Ccc	REG. NO. [REDACTED] TWY
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BO1-0327US Exhibit A

**Introduction:** Briefly introduce the subject associated with your invention.

Response: This invention is a web based application that performs functions associated with testing activities.

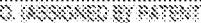
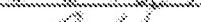
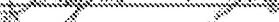
A solid black rectangular area, likely a redacted section of a document.

10. The following table summarizes the results of the study. The first column lists the variables, the second column lists the estimated coefficients, and the third column lists the standard errors. The fourth column lists the t-statistics, and the fifth column lists the p-values. The sixth column lists the adjusted R-squared values. The seventh column lists the F-statistics, and the eighth column lists the p-values. The ninth column lists the Durbin-Watson statistics, and the tenth column lists the heteroskedasticity statistics.

### Invention Descriptions

10. The following table summarizes the results of the study. The first column lists the variables, the second column lists the sample size, and the third column lists the estimated effect sizes.

Response: Refer to 3 enclosures: 1) [REDACTED] 2) [REDACTED] 3) Users Manual -- for Boeing.

THE FOREGOING WAS EXPLAINED TO AND UNDERSTOOD BY ME RELEASER/INVENTOR (AT LEAST FIVE)				INVENTOR'S SIGNATURE	
RELEASER SIGNATURE (AT LEAST FIVE)	DATE	PHONE NO.	FAX NO.	FIRST NAME	LAST NAME
 David C. Lee DAS (619) 266-9267	[REDACTED]	04/01	17-51	 David C. Lee	[REDACTED]
 Frank J. Shaw FJS (619) 266-9267	[REDACTED]	04/01	17-51	 Frank J. Shaw	[REDACTED]
 Susan B. Martin SBS (619) 266-9267	[REDACTED]	04/01	17-51	 Susan B. Martin	[REDACTED]
DISCLOSURE NO. (ASSIGNED BY PATENT OFFICE)				DATE RECEIVED	
00-348				OCT 16 2001	

**Supplier Test Web Site**

**Users Manual – for Boeing**

**Rev. New**

[REDACTED]

[REDACTED]

**Index**

## Acronyms





A large black rectangular redaction box covers the majority of the page content, starting below the header and ending above the footer. It is positioned on the left side of the page.

**4. Test Scripts' Top Page.**

## Supplier - Fuji Heavy Industries

TEST SCRIPTS	DESCRIPTION
FH1	Basic Release
FH18180001-01	Initial Supplier Custom Module List
FH18180001-02	Revised Supplier Custom Module List
FH18180001-03	Supplier Custom Module List with SCP Removed
FH18180001-04	Initial Supplier Module Parts List for Module
FH18180001-05	Revised Supplier Module Parts List for Module
FH18180001-06	Supplier Module Parts List for Exception Module
FH18180001-07	Supplier Module Parts List when using Picture Sheet
FH18180001-08	Supplier Module Parts List for Module at Development Phase

- Upon selection of "Test Scripts" from the Home Page, the View Test Scripts screen will display. This screen displays the complete list of test scripts for one Supplier. By selecting a "Script Number", users can view the step-by-step instructions for a given test script.

## 5. Example of Viewing Test Script.



Upon selection of a test script number from the "View Test Scripts" screen, the "View Single Test Script" screen will display. Each test step has the potential of having the following information about it:

- Day: The day this test step is planned to be executed.
- Step Number: The number associated with the test step. This number dictates the order in which the test steps are displayed.
- Job Role: The "type" of person/organization responsible for this test step (i.e. engineer, manufacturing engineer, procurement agent, etc.).
- Site: Which company is responsible for this test step - either "Boeing" or "Supplier".
- Action: The actual words that explains what actions are to be taken for this test step.

## 6. Viewing Overall Test Status.

**DCAC/MRM API Supplier Testing**

[Home](#)   [Site Map](#)   [Supplier Information](#)   [Feedback](#)

[View Overall Test Status](#)

**Supplier - Fuji Heavy Industries**

Category	Status	Description
Total Tests	9	Total Number of Testscripts for Company/Supplier
Tests Not Started	8	Testscripts with no steps passed and no steps failed
Tests Failed	1	Number of Testscripts with a step failed
Completed Tests	0	Testscripts with all steps passed and none failed

[View Detail Test Status](#)

[Home](#)   [Site Map](#)   [Supplier Information](#)   [Feedback](#)

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Upon selection of "Test Status" from the Home Page, the View Overall Test Status screen will display. This screen displays a summary view of how the testing is proceeding. The information displayed on this screen is gathered from each individual test script. Users can view the status of each individual test script by selecting the "View Detail Test Status" button. The following describes the information displayed on this screen:

- Status Title: The test status is grouped into four categories: Total Tests; Tests Not Started; Tests Failed; and Completed Tests. The definitions of each category is displayed in the "Definition" column.
- Status: The number of test scripts that meet the definition of each category.
- Definition: The definition of each test status category.

## 7. Viewing Detail Test Status.

DCAC/MMR API Supplier Testing									
Home	Site Map	Supplier Information	Feedback						
View Detail Test Status									
Supplier - Fuji Heavy Industries									
Test Script ID	Test Script Title	Last Pass/Fail Step	Status	Total Steps	% Complete	Script Details			
PTU01000001-01	Basic Release	37 [P] [F]	Complete	37	100%				
PTU01000001-02	Initial Supplier Custom Module List	200 [P] [F]	In Work	21	95%				
PTU01000001-03	Removed Supplier Custom Module List	210 [P] [F]	Complete	21	100%				
PTU01000001-04	Supplier Custom Module List with SCP Removed	210 [P] [F]	Complete	21	100%				
PTU01000001-05	Initial Supplier Module Parts List for Module	[P]	Not Started	21	0%				
PTU01000001-06	Removed Supplier Module Parts List for Module	[P]	Not Started	21	0%				
PTU01000001-07	Supplier Module Parts List for Exception Module	[P]	Not Started	21	0%				
PTU01000001-08	Supplier Module Parts List when using Picture Sheet	[P]	Not Started	21	0%				
PTU01000001-09	Supplier Module Parts List for Module	[P]	Not Started	21	0%				

Upon selection of "View Detail Test Status" button from the "View Overall Test Status" screen, the View Detail Test Status screen will display. This screen displays the status of each individual test script. The following describes the information displayed on this screen:

- Script Number: The number assigned to this test script.
- Title: The title assigned to this test script.
- Last Pass/Fail Step: The last step that has either a pass or fail status. This column also has a drop down box that allows the user to select which test step that they would like to view.
- Status: The overall status of this test script.
- Total Steps: The total number of test steps for a given test script.
- % Complete: The percent complete for a given test script (i.e. the number of steps that have a pass or fail status divided by the total number of steps times 100).

### 8. Selecting an Individual Test Step.

**DCAC/MRM API Supplier Testing**

View Detail Test Status

**Supplier - Fuji Heavy Industries**

Test Step ID	Description	Test Step Status	Run Date	Run Time	Run Duration
FTU1	Initial Release	<span style="background-color: #cccccc; border: 1px solid black; padding: 2px;">Initial Release</span>	2023-09-01	10:00 AM	1800s
FTU0100SCML-01	Initial Supplier Custom Module List	<span style="background-color: #cccccc; border: 1px solid black; padding: 2px;">Initial Supplier Custom Module List</span>	2023-09-01	10:00 AM	1800s
FTU0100SCML-02	Revised Supplier Custom Module List	<span style="background-color: #cccccc; border: 1px solid black; padding: 2px;">Revised Supplier Custom Module List</span>	2023-09-01	10:00 AM	1800s
FTU0100SCML-03	Supplier Custom Module List with SOD Removed	<span style="background-color: #cccccc; border: 1px solid black; padding: 2px;">Supplier Custom Module List with SOD Removed</span>	2023-09-01	10:00 AM	1800s
FTU0100SMPL-01	Initial Supplier Module Parts List for Module	<span style="background-color: #cccccc; border: 1px solid black; padding: 2px;">Initial Supplier Module Parts List for Module</span>	2023-09-01	10:00 AM	1800s
FTU0100SMPL-02	Revised Supplier Module Parts List for Module	<span style="background-color: #cccccc; border: 1px solid black; padding: 2px;">Revised Supplier Module Parts List for Module</span>	2023-09-01	10:00 AM	1800s
FTU0100SMPL-03	Supplier Module Parts List for Reception Module	<span style="background-color: #cccccc; border: 1px solid black; padding: 2px;">Supplier Module Parts List for Reception Module</span>	2023-09-01	10:00 AM	1800s
FTU0100SMPL-04	Supplier Module Parts List when using Picture Sheet	<span style="background-color: #cccccc; border: 1px solid black; padding: 2px;">Supplier Module Parts List when using Picture Sheet</span>	2023-09-01	10:00 AM	1800s
FTU0100SMPL-05	Supplier Module Parts List for Module	<span style="background-color: #cccccc; border: 1px solid black; padding: 2px;">Supplier Module Parts List for Module</span>	2023-09-01	10:00 AM	1800s

 This screen shows the drop down list of test steps that the user can select from, when they want to view the details of a particular test step, or to enter test results for a particular test step.

## 9. Viewing Individual Test Step/Enter Test Results.



Test Script Title: Test Script Number:

Day Step Site Job Role:

Basic Release - FHI 1

Supplier Business Office

Test Script Action:

DOCS / Review and approval of job package ? Decide incorporation point ? Approve DOCP ? Distribute DOCP results ? Maintain DOCP Database ? Maintain CCT Database

- Upon selection of a test step and the "get" button from the "View Detail Test Status" screen, the Enter Test Results screen will display. The user will be able to enter "Pass" or "Fail", Results, and Remarks for this test step. The Results and Remarks are text boxes. Upon selection of the "Submit" button, the Pass/Fail, Results, and Remarks information will be saved in the web server's database, along with the date/time and user ID of the person who is submitting this information.

This screen also displays the same type of information that would be displayed to the user if they were viewing this test script's step (i.e. test script title, number, day, step, site, job role, and test script action).

## 10. Submit an Issue.

**DCAC/MRM API Supplier Testing**

Home Site Map Supplier Information Feedback

**Submit a New Issue**

**Supplier - Fuji Heavy Industries**

Fields marked with \* are required.

Title*	Description*	
Problem Category	Problem Sub Category	Test Phase
Script		
<input style="width: 100px; height: 30px; font-size: 10pt; background-color: #000000; color: white; border: none;" type="button" value="Submit"/>		

After the Submit button is selected, an issue number will be generated and displayed for you.

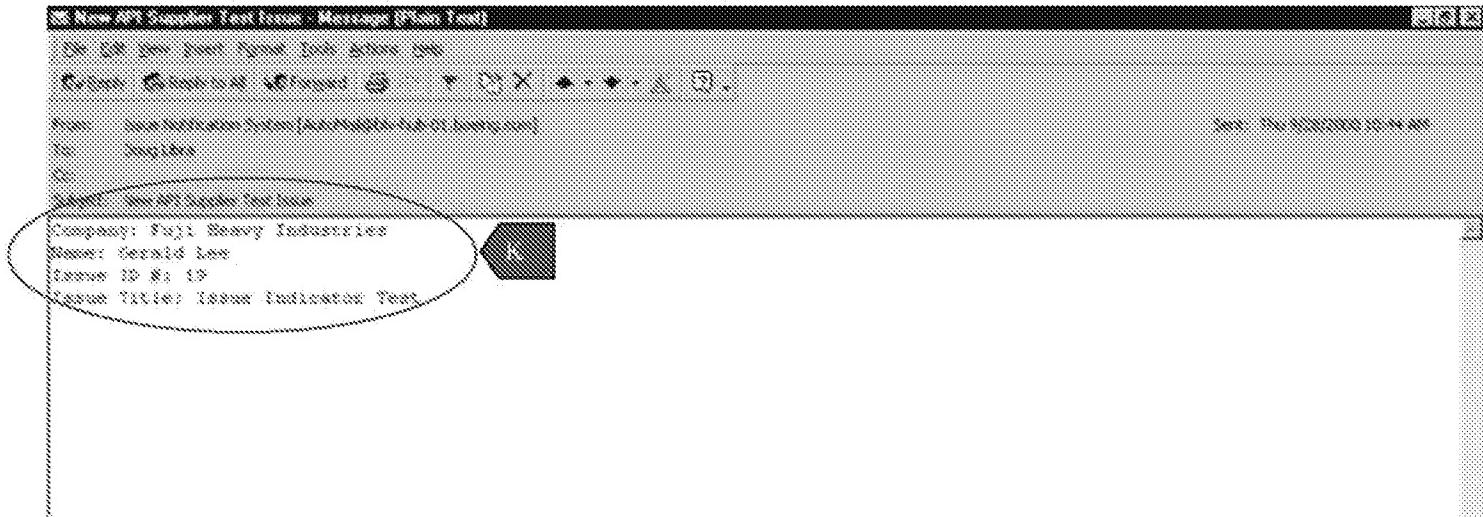
Boeing users can submit an issue, on behalf of a Supplier. Upon selection of the "Submit a New Issue" link from the "Issues" screen, the Submit a New Issue screen will display. The user will have the capability to submit a new issue, via the form on this screen. There are six fields on this form, but only two are required.

- Title: Required Field, enter a descriptive title for your issue.
- Description: Required Field, enter a description that adequately describes your issue.
- Problem Category: Optional Field, select the appropriate item in the drop-down list.
- Problem Sub-Category: Optional Field, select the appropriate item in the drop-down list.
- Test Phase: Optional Field, select the appropriate item in the drop-down list.
- Script: Optional Field, select the appropriate item in the drop-down list.

### Notes:

1. After the issue form is filled out, and the "Submit" button is selected, an issue number will be generated and displayed for you.
2. Users are highly encouraged to view the "Issue Process" prior to entering a new issue. To view the "Issue Process", select the "Issue Tracking Flow" link from the "Issues" screen. Users are also encouraged to view the "Issue Criteria Matrix" prior to entering a new issue. To view the "Issue Criteria Matrix", select the "Criteria Matrix" link from the "Issues" screen.
3. Users will be able to view status of their issues by selecting the "Issue Reports" screen, then selecting the appropriate issue report.

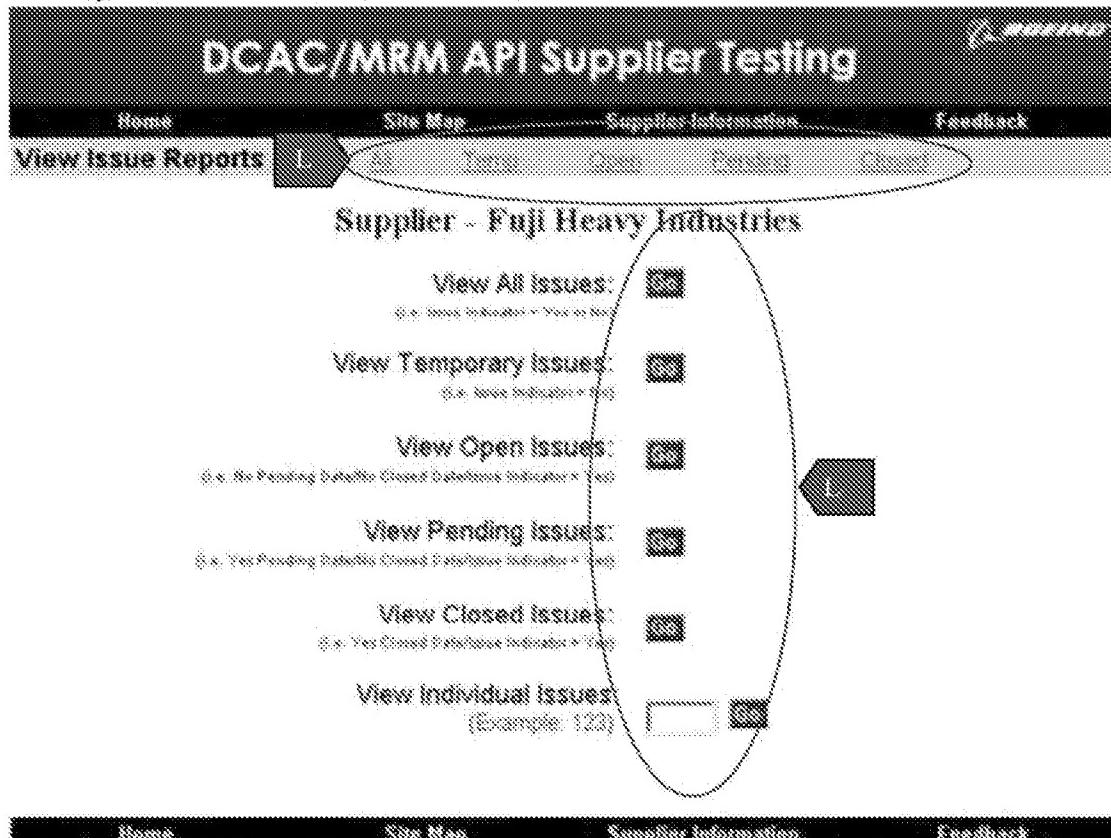
## 11. New Issue Notification – Email Message.



Once a Supplier or Boeing user selects the "Submit" button on the "Submit a New Issue" screen, the information is stored in the database, and an email notification message (like the one above) is sent to a predefined list of Boeing people. The email message will contain the following fields:

- Subject: It will always state "New API Supplier Test Issue".
- Company: Lists the Supplier's company name.
- Name: The name of the individual who submitted the issue.
- Issue ID #: The issue ID number that was assigned by the database.
- Issue Title: The title of the issue that the person who submitted the issue gave it.

## 12. Various Ways to View Status of Issues.



Upon selection of the "View Issue Reports" link from the "Issues" screen, the View Issues Reports screen will display. The user will have the capability to select five canned reports, plus a way to get status on an individual issue.

- **View All Issues:** This report returns all issues – Temporary, Open, Pending, or Closed.
- **View Temporary Issues:** This report returns only those issues that have the "issue indicator" set as "No". The issue indicator is controlled by Boeing, and will only be set to "yes" if Boeing determines that the issue submitted is, in fact, an issue.
- **View Open Issues:** This report returns only those issues that have no Pending Date, no Closed Date, and the Issue Indicator is "Yes".
- **View Pending Issues:** This report returns only those issues that have a Pending Date, but no Closed Date, and the Issue Indicator is "Yes".
- **View Closed Issues:** This report returns only those issues that have a Closed Date, and the Issue Indicator is "Yes".
- **View Individual Issue:** The user will have the ability to enter an individual issue number in the text field, then select the "Go" button. Only the status of the individual issue that the user entered into the text box will be returned.

**13. Example: Status of “All” Issues.**

The screenshot shows a web-based application titled "DCAC/NRM API Supplier Testing". The top navigation bar includes links for "Home", "Site Map", "Supplier Information", and "Feedback". Below the navigation is a sub-header "Status of All Issues". The main content area is titled "Supplier - Fuji Heavy Industries". On the left, there is a sidebar with a large red arrow pointing right, followed by several small icons: a magnifying glass, a gear, a person, a document, a gear, a person, and a document. The main content area displays a grid of five issue reports. Each report card contains the following information from top to bottom: Issue ID (e.g., 1321), Issue Indicator (e.g., N), Title (e.g., "Test"), Description (e.g., "Test"), Start Date (e.g., 2010-01-01), Assign Date (e.g., 2010-01-01), Due Date (e.g., 2010-01-15), Pending Date (e.g., 2010-01-15), Slip Date (e.g., 2010-01-15), Closed Date (e.g., 2010-01-15), and Status (e.g., "Open").

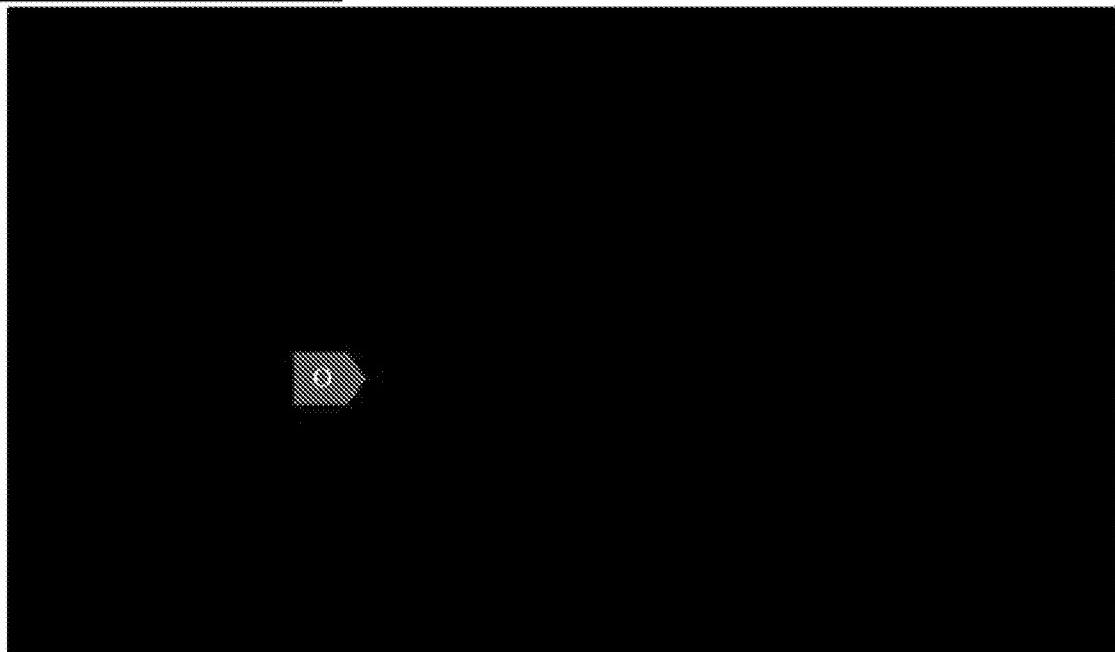
Upon selection of the “View All Issues” button from the “View Issue Reports” screen, the Status of “All” Issues screen will display. Only five issues will be displayed on each page, with the most recent issues listed first. If there are more than five issues for any report, the user will have the ability to select the next five issues by selecting page “2”, and so on. The data associated with each issue is explained as follows:

- Issue ID: This is the issue number assigned by The Boeing Company.
- Issue Indicator: This indicator is used to communicate whether Boeing has agreed that the issue submitted is, in fact, an issue. “N” represent “No”, and “Y” represents “Yes”.
- Title: This is the same issue title that was submitted on the “Submit an Issue” screen.
- Description: This is the same description that was submitted on the “Submit an Issue” screen.
- Start Date: This is the date in which the issue was received by Boeing.
- Assign Date: This is the date that Boeing first looked at the issue.
- Due Date: This date is used to communicate the anticipated resolution date. This date is initially set at 10 days into the future, but can be changed.
- Pending Date: This date contains the estimated date of Boeing resolve.
- Slip Date: This date contains a new Pending Date, if there is one.
- Closed Date: This date contains the date that Boeing and the Supplier concur that the issue has been resolved.
- Status: This field contains textual information that summarizes the progress of this issue’s resolution.

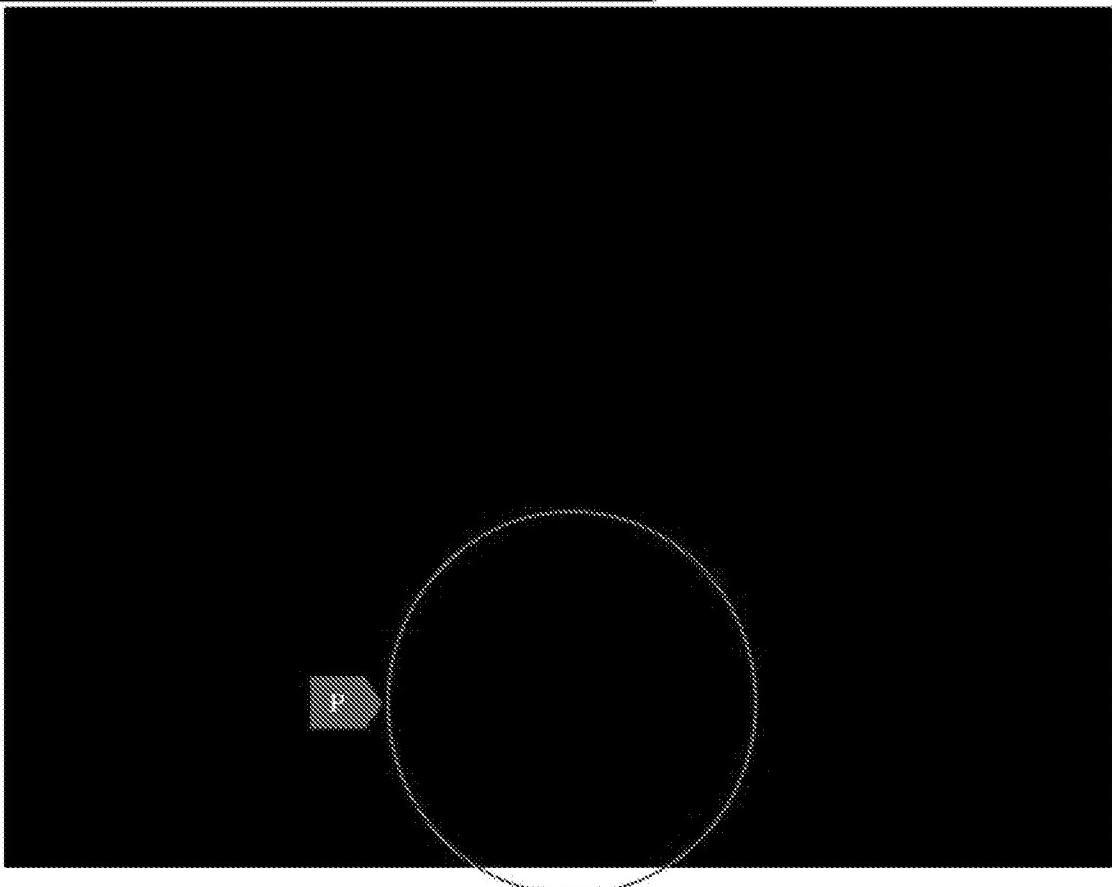


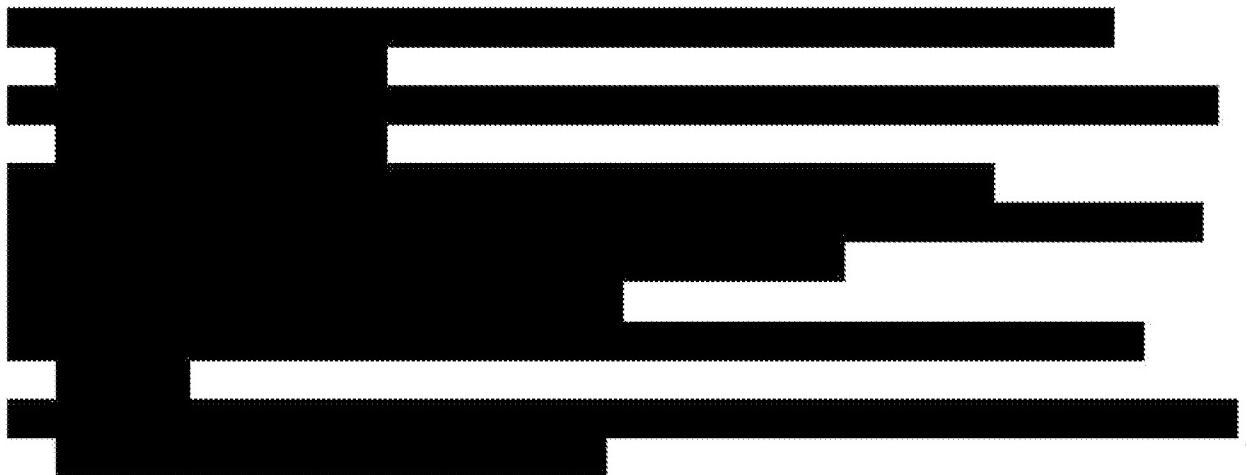
A black and white photograph showing a person's arm and hand reaching towards the left side of the frame. The person is wearing a dark long-sleeved shirt. The background is mostly black, with some light-colored horizontal bands near the bottom.

[REDACTED]



[REDACTED]



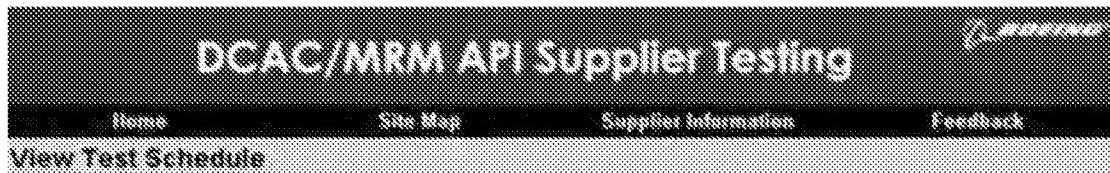


**18. View Test Plans.**

[ET Test Plan, 410-618, Rev New - dated September 15, 2000](#)  
[End-to-End Test Plan, DS-36686, Rev New - dated September 25, 2000](#)

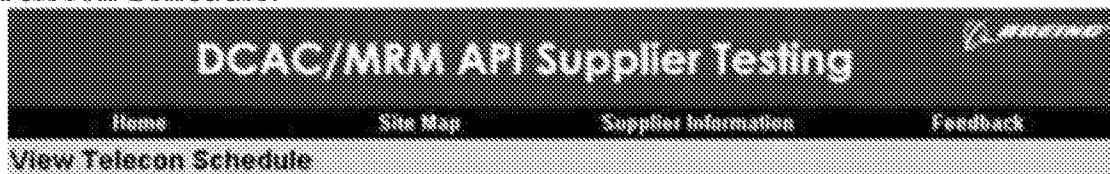


Upon selection of the "Test Plan" link from the "Home Page", the View Test Plan screen will display. This screen will contain a link to the appropriate test plan(s).

**19. View Test Schedule.**

- Upon selection of the "Test Schedule" link from the "Home Page", the View Test Schedule screen will display. Select the "Test Schedule" link on this page to see the actual test schedule.

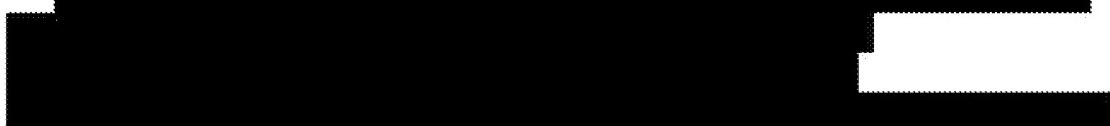
**20. View Telecon Schedule.**



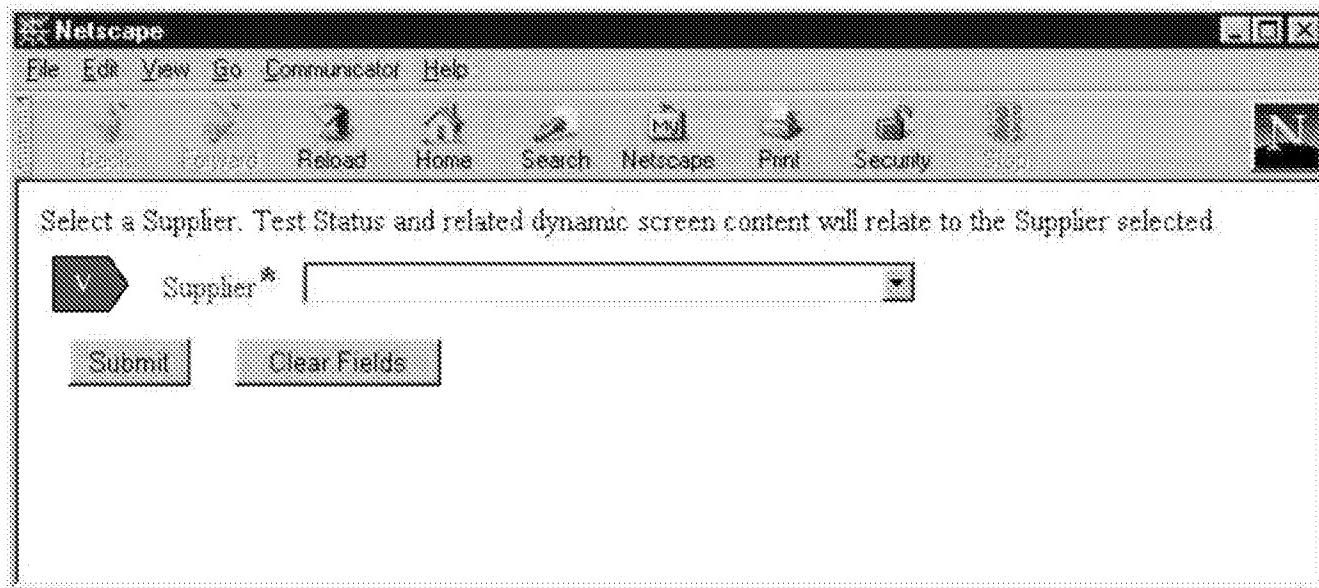
**Supplier - Fuji Heavy Industries**



- Upon selection of the "Telecon Schedule" link from the "Home Page", the View Telecon Schedule screen will display. Select the "Telecon Schedule" link on this page to see the actual telecon schedule.

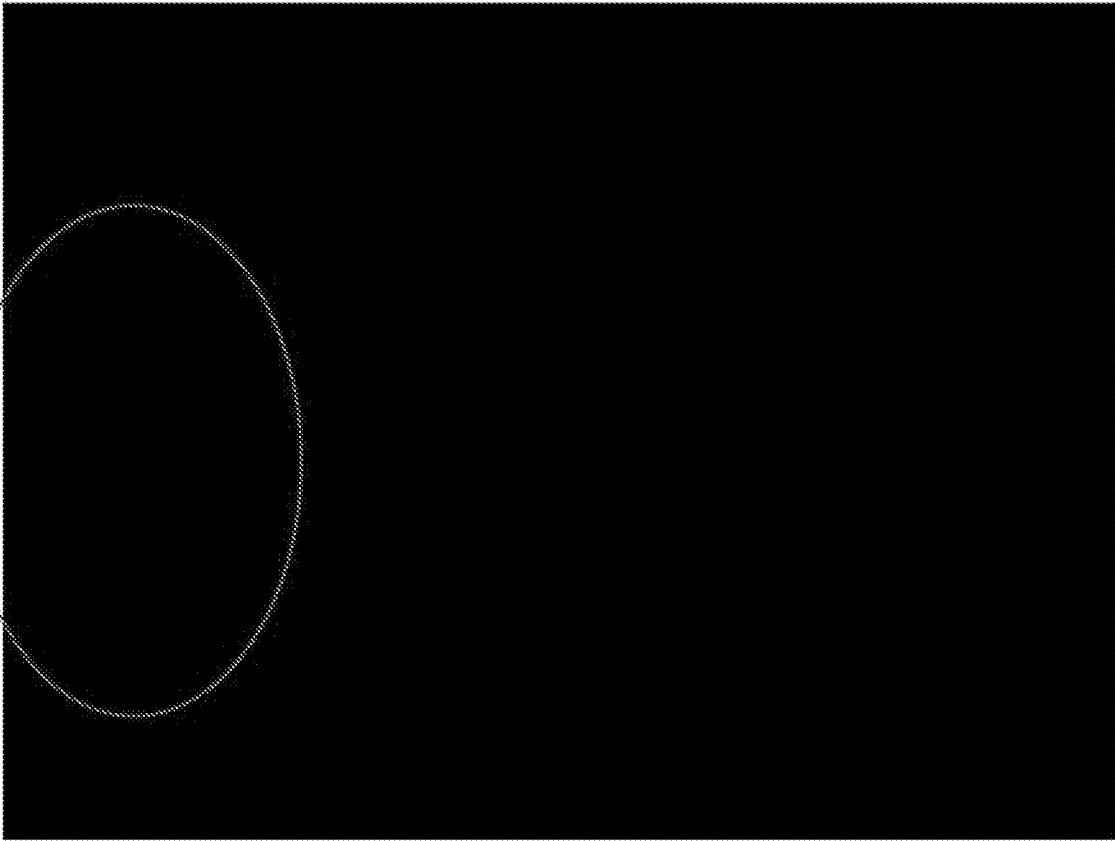


## 22. Select a Supplier Pop-up Window.

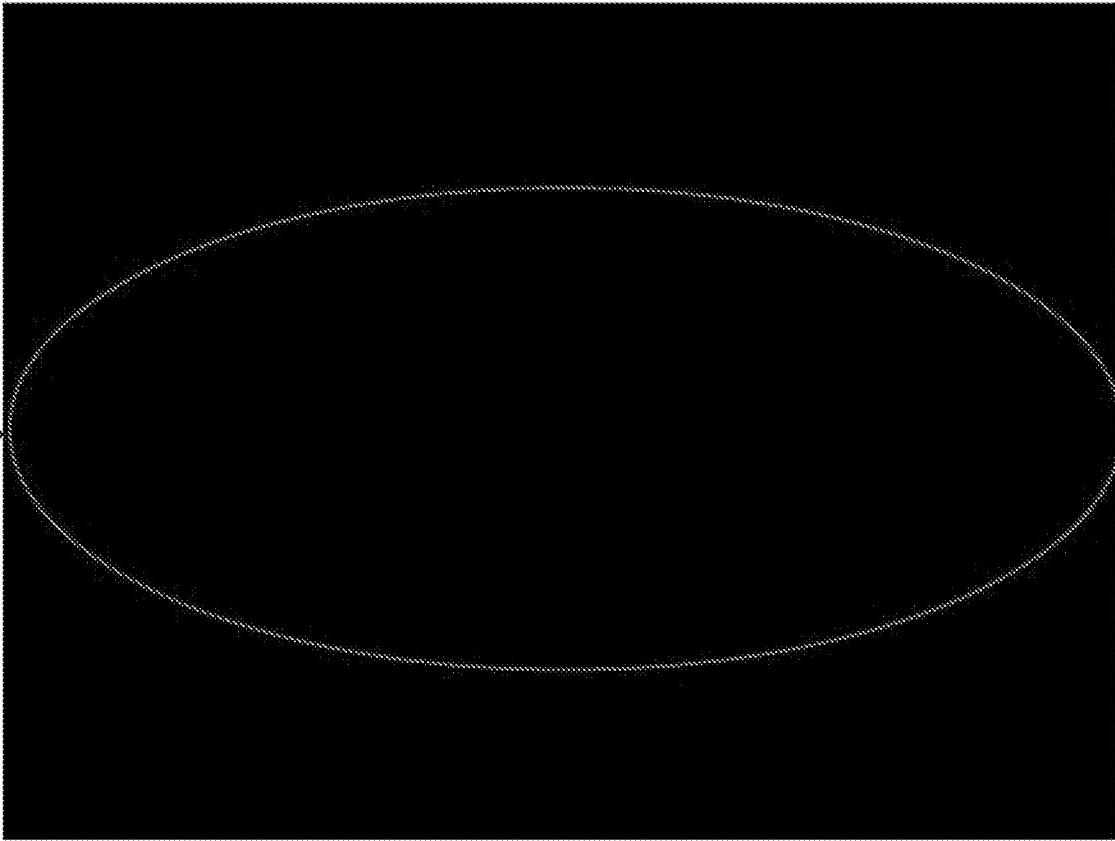


- Upon selection of the "Select a Supplier" link from the "Home Page", the above pop-up window will be displayed. Select a Supplier from the drop-down list. Upon selection of the "Submit" button, the Boeing users' "view company" will change to whatever company was selected from the list.





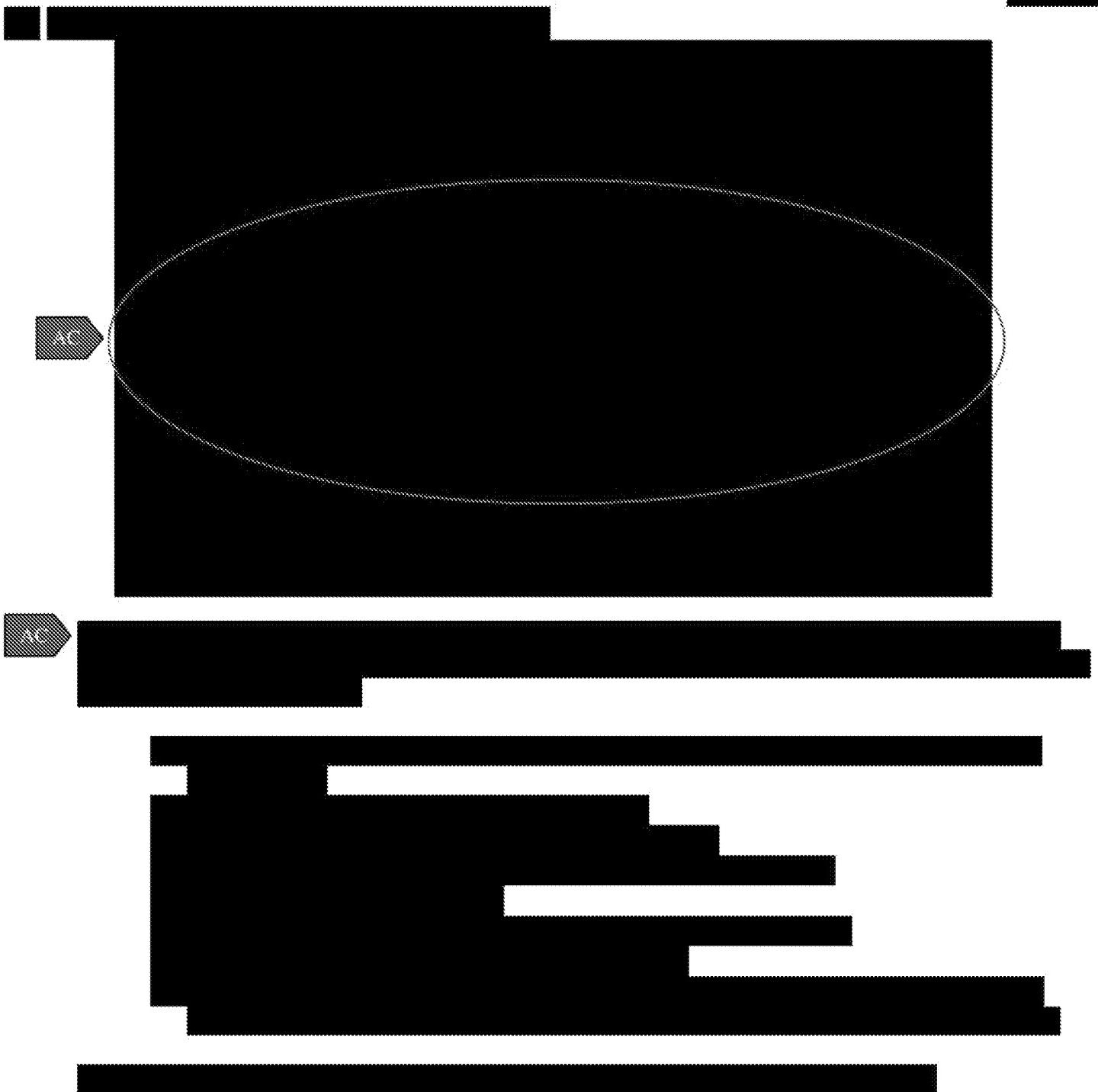






[REDACTED]

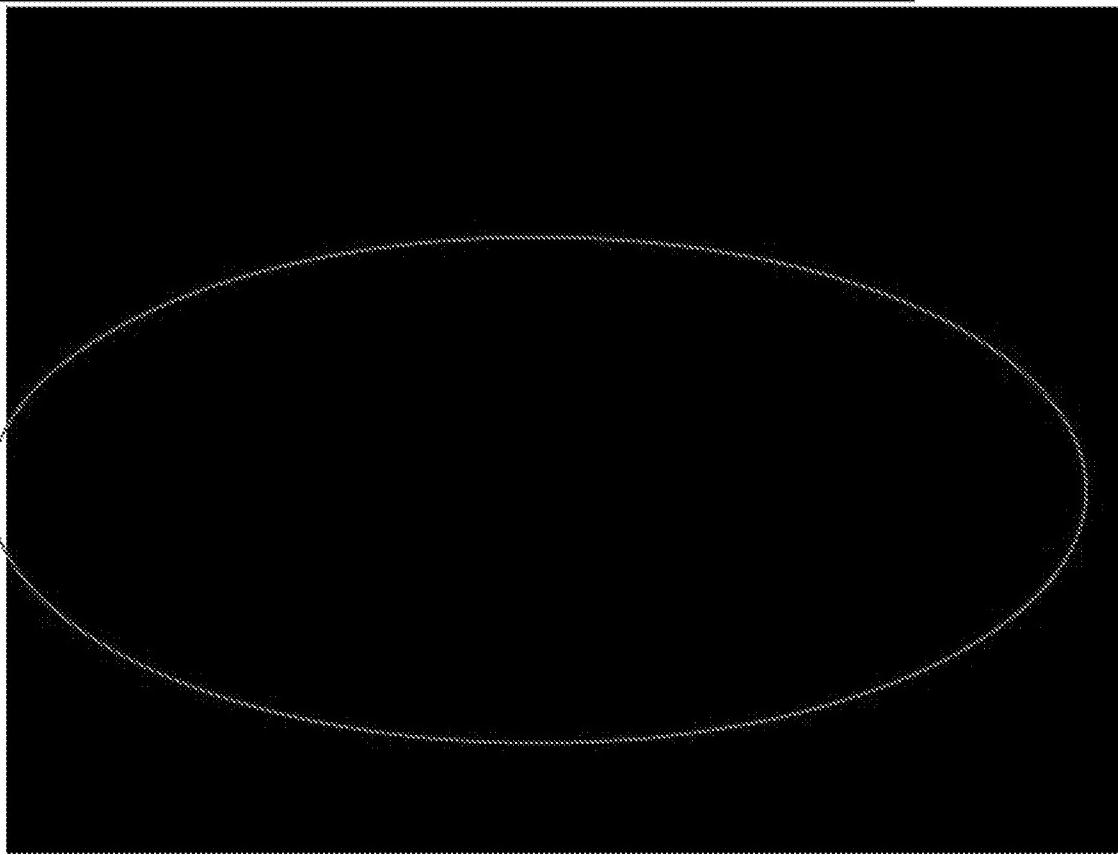
[REDACTED]



[REDACTED] →

[REDACTED] →

[REDACTED]



[REDACTED]



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED]

